

**AUGUST 2001 FIRE COMPLEX
BURNED AREA EMERGENCY STABILIZATION REHABILITATION PLAN**

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	CULTURAL RESOURCE INVENTORIES IN ADVANCE OF SEEDING SITE PREPARATION	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	# 29 C-2 Archaeological Resource Damage Assessment	FISCAL YEAR(S) (list each year):	2002 - 2004

I. WORK TO BE DONE

Number and Describe Each Task:

- A. General Description:** Areas designated for mechanized seeding for the control of undesirable species and erosion will be inventoried for potential cultural resources. This prescription will focus entirely upon the inventory of disturbed areas and avoidance of cultural resources as specified in Appendix F, Section J (pp 42-43) of the State Protocol Agreement Between the BLM Nevada and the Nevada SHPO. Inventory standards will vary depending on the type of planned treatment and cultural resource sensitivity. The following are minimal standards. Fire rehabilitation activities that involve mechanized surface disturbance less than 10cm depth will generally have transect spacing of 100 meters. More intense inventory will be used for highly sensitive areas. If surface disturbance is greater than 10cm, then 30 meter transect intervals will be used. The BLM, through informal discussions, can agree to modify the inventory approach for individual rehabilitation undertakings.

All cultural resources discovered or relocated will be plotted on maps and at a minimum will be recorded on the Nevada IMACS short form. Resources except those previously determined not eligible by BLM and SHPO, or that have been fully mitigated, will be flagged for avoidance and avoided during rehabilitation activities. Flagging will be placed to minimize the potential for looting and vandalism and removed as soon as possible after re-seeding is completed. Sites will be hand seeded for camouflage as appropriate.

- B. Location (Suitable) Sites:** As designated by the Elko Field Office - 551 acres(class II) and 254 acres (class III)

C. Design/Construction Specifications:

1. Archival research of field office records
2. Consult with tribal organizations and knowledgeable individuals
3. Obtain permission of all private land owners prior to entering private property
4. Conduct field inventory in accordance with the procedures outlined in Appendix F, Part J of the State Protocol Agreement between the Nevada BLM and the Nevada State Historic Preservation Office..
5. Flag or otherwise identify sites for avoidance. Prepare analysis of the potential effects to cultural properties
6. Recommendations for evaluation of significance for potentially eligible properties

- D. Purpose of Treatment Specifications:** to protect potentially eligible (significant) historic properties from disturbance during seeding operations.

II. LABOR, MATERIALS AND OTHER COST:

► PERSONNEL SERVICES: (Grade @ Cost/Hours X # Hours X # Fiscal Years = Cost/Item Do not include contract personnel costs here (see contractor services below).	COST/ITEM
GS 7 @ 17.00 x 10 hour/day x 225 days x 1 year	\$38,250.00
TOTAL PERSONNEL SERVICE COST	\$38,250.00
► EQUIPMENT PURCHASE, LEASE AND /OR RENT (Item @ Cost/Hour X # of House X # Fiscal Years = Cost/Item): Note: Purchase require written justification that demonstrates cost benefits over leasing or renting.	COST/ITEM
Vehicle Cost @ 1000 per month x 1 month x 2 vehicles x 1 year	\$2,000.00
Vehicle Cost @ .17 per mile x 3500 miles x 2 vehicles x 1 year	\$1,190.00
Vehicle Cost @ \$40 per day x 30 days x 2 vehicles x 1 year	\$2,400.00
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	\$5,590.00
► MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item:	COST/ITEM
Flagging and marking supplies @ 100/year x 1 year	\$100.00
Film purchase and development @ \$15/roll x 2 rolls x 1 year	\$30.00
TOTAL MATERIALS AND SUPPLY COST	\$130.00
► TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item:	COST/ITEM
TOTAL TRAVEL COST	
► CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
Professional Services Contract, labor, per diem, overhead inclusive - Example Calculation: Egbert Fire: 551 acres Class II survey @ \$10.00/acre = \$5510.00. Upper Clover Fire: 245 acres Class III survey @ \$20.00/acre = \$4,900.00.	\$221,140.00
Contract administration and oversight (7% to field office)	\$15,480.00
TOTAL CONTRACT COST	\$236,620.00

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	Acres	\$24.51	1,794	\$43,970.00	ESR	P
FY 1	Acres	\$21.40	11,057	\$236,620.00	ESR	C
FY 2						
FY 3						
TOTAL:		\$21.31	12,851	\$280,590.00	ESR	C / P

FUNDING SOURCES:

F = Fire Suppression Account
EFR = Emergency Stabilization Rehabilitation

METHODS:

P = Agency Personnel Services
C = Contract (Long-Term)

OP = Agency Operating Fund
O = Other

EFC = Emergency Fire Contract
FC = Crew Labor Assigned to Fire

SOURCE OF COST ESTIMATE

1. Estimate obtained from 2-3 independent contractual sources.	
2. Documented cost figures from similar project work obtained from local agency sources.	C
3. Estimate supported by cost guides from independent sources or other federal agencies.	
4. Estimates based upon government wage rates and material cost.	P
5. No cost estimate required - cost charged to Fire Suppression Account.	

P = Personnel Services, **M** = Materials/Supplies, **T** = Travel, **C** = Contract, **F** = Suppression

III. RELEVANT DETAILS, MAPS AND DOCUMENTATION INCLUDED IN THIS REPORT:

List Relevant Documentation and Cross-Reference Location within BAER Report: Refer to vegetative reseeding maps in report and incident files

IV. TOTAL COST BY FIRE (\$20/acre)

FIRE NAME	UNITS TREATED	COST
Bailey Drill Seeding	150	\$3,676.42
Buffalo Drill Seeding	0	\$0.00
Coyote Drill Seeding	0	\$0.00
Dunphy Drill Seeding	0	\$0.00
Dee Gold	0	\$0.00
N. Delano Drill Seeding	543	\$13,308.64
Hot Lake Drill Seeding	0	\$0.00
Ranch Drill Seeding	6772	\$144,920.92
Rodeo Creek Drill Seeding	471	\$11,543.96
Sheep Drill Seeding	4285	\$91,699.08
Stag Drill Seeding	593	\$14,534.12
Tabor Creek Drill Seeding	37	\$906.86
MM367 Drill Seeding	0	\$0.00
TOTAL COST	12,851 acres	\$280,590.00

